



November 03, 2009

Re: ***Changes to 2009 Loss Factors Due to Unexpected Additions of Loss Factor Customers***

This letter is the second loss factor update in 2009. The updated loss factors show changes due to new and unexpected generation connecting to the AIES. The original update for changed loss factors was posted on September 30, 2009.

Clover Bar 3, a new generator mentioned in the previous posting, has an STS contract effective from October 01, 2009. The AESO has calculated the loss factor for Clover Bar 3. The addition of Clover Bar 3 has changed several loss factors by more than 0.25%, the threshold outlined in the AESO Loss Factor Rule. The revised loss factors will be effective from October 01, 2009 to December 31, 2009 as per AESO Rule 9.2.2.b.

The Summerview wind generation in-service date was updated in September 2009 to November 1, 2009. The AESO has since learned the generator will not be connected until Q1 2010, and hence the changes will not be included in this update.

In Appendix 1, the loss factor changes due to the Clover Bar 3 addition are highlighted. The remaining loss factors remain unchanged.

Please call Robert Baker (403 539 2614) or email lossfactor@aeso.ca with any questions you may have.

Yours truly,

"Originally Signed by"

Robert Baker, P.Eng.

cc: Ashikur Bhuiya, P.Eng.

Appendix 1: Summary of Changes and Updated Loss Factors (2009) Due to Loss Factor Customer Additions (Clover Bar 3)



2009 Alberta Loss Factors - 2009-11-02, Final, Revision 1

MP-ID*	Facility Name	PSS/E Bus	Normalized and Compressed Loss Factor (%)	Loss Factor Asset	Difference % in Loss Factor to System Average
0000034911	ALTAGAS PARKLAND	4235	-0.91	Gen	-5.33
0000016301	Amoco Empress (163S)	262	0.88	DOS	-3.67
0000079301	ANG Cochrane (793S)	191	3.66	DOS	-0.89
NX01	BALZAC	290	-0.40	Gen	-4.95
BAR	BARRIER	216	-1.46	Gen	-6.01
BR3	BATTLE RIVER #3	1491	5.07	Gen	0.52
BR4	BATTLE RIVER #4	1491	5.07	Gen	0.52
BR5	BATTLE RIVER #5	1469	4.16	Gen	-0.39
BCHIMP	BCH - Import	56765	-0.83	Imp	-5.38
BCRK	BEAR CREEK G1	10142	-1.43	Gen	-5.98
BCR2	BEAR CREEK G2	10142	-1.43	Gen	-5.98
BPW	BEARSPAW	183	-1.37	Gen	-5.92
BLYR	BELLY RIVER IPP	447	0.00	Gen	-4.55
BIG	BIGHORN	103	2.49	Gen	-2.06
BTR1	BLUE TRAIL WIND FARM	328	0.70	Gen	-3.85
BRA	BRAZEAU	56153	2.07	Gen	-2.48
GOC1	BRIDGE CREEK	19145	0.00	Gen	-4.55
0000045411	BUCK LAKE	80	2.32	Gen	-2.23
CES1	CALPINE CTG	187	-0.33	Gen	-4.88
CES2	CALPINE STG	187	-0.33	Gen	-4.88
TC01	CARSELAND	5251	-0.54	Gen	-5.09
CNR5	CNRL HORIZON	1263	6.56	Gen	2.01
CAS	CASCADE	175	-2.22	Gen	-6.77
CR1	CASTLE RIVER	234	1.70	Gen	-2.85
EC01	CAVAILIER	247	-0.43	Gen	-4.98
CHIN	CHIN CHUTE	406	0.00	Gen	-4.55
CMH1	CITY OF MEDICINE HAT	680	-0.32	Gen	-4.87
ENC1	CLOVER BAR PEAKER (STAGE 1 - LM6000)	516	4.19	Gen	-0.36
ENC2	CLOVER BAR PEAKER (STAGE 2 - LM6000)	516	4.19	Gen	-0.36
ENC3	CLOVER BAR PEAKER (STAGE 2 - LM6000)	516	4.36	Gen	0.64
CRE1	COWLEY EXPANSION 1	264	3.83	Gen	-0.72
CRE2	COWLEY EXPANSION 2	264	3.83	Gen	-0.72
CRE3	COWLEY NORTH	264	3.83	Gen	-0.72
PKNE	COWLEY RIDGE WIND POWER PHASE1	264	3.83	Gen	-0.72
CRWD	COWLEY RIDGE WIND POWER PHASE2	264	3.83	Gen	-0.72
Project692 1 SUP	Dapp Power Westlock Expansion	99921	4.66	Gen	0.11
DAI1	DIASHOWA	1088	-2.03	Gen	-6.58
DKSN	DICKSON DAM 1	4006	0.00	Gen	-4.55
DOWGEN15M	DOW GTG	61	3.96	Gen	-0.59
DV1	DRAYTON VALLEY PL IPP	4332	0.00	Gen	-4.55
DRW1	DRYWOOD 1	4226	1.27	Gen	-3.28
Project730 1 SUP	ENMAX Crossfield Energy Centre	503	0.79	Gen	-3.76
FNG1	FORT NELSON	1016	7.27	Gen	2.99
EC04	FOSTER CREEK G1	1301	7.04	Gen	2.49
000001511	FT MACLEOD	4237	0.72	Gen	-3.83
GN1	GENESEE 1	525	5.72	Gen	1.17
GN2	GENESEE 2	525	5.72	Gen	1.17
GN3	GENESEE 3	525	5.72	Gen	1.17
GHO	GHOST	180	-1.53	Gen	-6.08
0000022911	GLENWOOD	4245	0.45	Gen	-4.10
GPEC	GRANDE PRAIRIE ECOPOWER CENTRE	1101	-1.88	Gen	-6.43
HSH	HORSESHOE	171	-1.48	Gen	-6.03
HRM	HR MILNER	1147	2.34	Gen	-2.21
INT	INTERLAKES	376	-1.06	Gen	-5.61

KAN	KANANASKIS	193	-1.37	Gen	-5.92
KH1	KEEPPHILLS #1	420	5.72	Gen	1.17
KH2	KEEPPHILLS #2	420	5.72	Gen	1.17
KHW1	KETTLES HILL WIND ENERGY PHASE 2	402	1.84	Gen	-2.71
IOR1	MAHKESES, COLD LAKE	56789	4.68	Gen	0.13
MATLIMP	MATLIMP	451	0.68	Imp	-3.87
Project703 1 SUP	Maxim Power Deerland Peaking Station	432	4.08	Gen	-0.47
AKE1	McBRIDE	901	1.39	Gen	-3.16
MKRC	McKAY RIVER	1274	6.59	Gen	2.04
ProjectISD762SUP	Meg Energy	405	6.06	Gen	1.51
MKR1	MUSKEG	1236	6.75	Gen	2.20
NX02	NEXEN OPTI	1241	6.85	Gen	2.30
NPP1	Northern Prairie Power Project	1120	-4.79	Gen	-9.34
NPC1	NORTHSTONE ELMWORTH	19134	-5.04	Gen	-9.59
NOVAGEN15M	NOVA JOFFRE	383	1.25	Gen	-3.30
OMRH	OLDMAN	230	2.09	Gen	-2.46
WEY1	P&G WEYERHAUSER	1141	-3.01	Gen	-7.56
0000039611	PINCHER CREEK	4224	1.82	Gen	-2.73
POC	POCATERRA	214	-1.45	Gen	-6.00
PH1	POPLAR HILL	1118	-4.81	Gen	-9.36
PR1	PRIMROSE	1302	5.46	Gen	0.91
RB1	RAINBOW 1	1031	2.52	Gen	-1.76
RB2	RAINBOW 2	1032	2.73	Gen	-1.82
RB3	RAINBOW 3	1033	2.66	Gen	-1.62
RL1	RAINBOW 4, RL1	1035	2.98	Gen	-1.29
RB5	RAINBOW 5	1037	2.44	Gen	-1.83
RYMD	RAYMOND RESERVOIR	413	0.00	Gen	-4.55
TC02	REDWATER	50	4.15	Gen	-0.40
RG10	ROSSDALE 10	507	4.43	Gen	-0.12
RG8	ROSSDALE 8	507	4.43	Gen	-0.12
RG9	ROSSDALE 9	507	4.43	Gen	-0.12
RUN	RUNDLE	197	-1.60	Gen	-6.15
SH1	SHEERNESS #1	1484	3.81	Gen	-0.74
SH2	SHEERNESS #2	1484	3.81	Gen	-0.74
SHCG	SHELL CAROLINE 378S	3370	-0.72	Gen	-5.27
SCTG	SHELL SCOTFORD	43	4.35	Gen	-0.20
GWW1	SODERGLEN	358	1.72	Gen	-2.83
SPCIMP	SPC - Import	1473	1.35	Imp	-3.20
SPR	SPRAY	310	-1.58	Gen	-6.13
0000038511	SPRING COULEE	4246	0.36	Gen	-4.19
STMY	ST MARY IPP	3448	0.00	Gen	-4.55
0000006711	STIRLING	4280	0.60	Gen	-3.95
ST1	STURGEON 1	1166	-0.28	Gen	-4.83
ST2	STURGEON 2	1166	-0.28	Gen	-4.83
IEW1	SUMMERVIEW 1	336	2.31	Gen	-2.24
SCR1	SUNCOR	1208	6.68	Gen	2.13
SCR3	SUNCOR HILLRIDGE WIND FARM	389	-0.17	Gen	-4.72
SCR2	SUNCOR MAGRATH	251	0.54	Gen	-4.01
SD1	SUNDANCE #1	135	6.04	Gen	1.49
SD2	SUNDANCE #2	135	6.04	Gen	1.49
SD3	SUNDANCE #3	135	6.04	Gen	1.49
SD4	SUNDANCE #4	135	6.04	Gen	1.49
SD5	SUNDANCE #5	135	6.04	Gen	1.49
SD6	SUNDANCE #6	135	6.04	Gen	1.49
SCL1	SYNCRUDE	1205	6.71	Gen	2.16
341S025	Syncrude Standby (848S)	1200	-4.48	DOS	-9.03
TAB1	TABER WIND	343	-0.71	Gen	-5.26
TAY1	TAYLOR HYDRO	670	1.68	Gen	-2.87
TAY2	TAYLOR WIND PLANT	670	1.68	Gen	-2.87
THS	THREE SISTERS	379	-1.43	Gen	-5.98
VVW1	VALLEYVIEW	1171	0.80	Gen	-3.75
VVW2	VALLEYVIEW # 2	1172	0.77	Gen	-3.78
WB4	WABAMUN #4	133	5.73	Gen	1.18
WTRN	WATER IPP	3449	0.00	Gen	-4.55
0000040511	WAUPISOO	1417	2.44	Gen	-2.11
WST1	WESGEN	14	0.00	Gen	-4.55
EAGL	WHITE COURT	410	0.00	Gen	-4.55

Notes:

* MP-ID - point where loss factors assessed
 For loss factors, "-" means credit, "+" means charge
 Loss factors effective from October 01, 2009 to December 31 2009.
 System Average Losses, %: 4.55
 For more information, please visit www.aeso.ca

Please note, further updates of loss factors at specific sites may occur following more system additions in 2009. Changes to loss factors are highlighted.